



Stantec

Stantec Consulting Services, Inc.
1901 Nelson Miller Parkway
Louisville, Kentucky 40223-2177
Tel: (502) 212-5000
Fax: (502) 212-5055

August 14, 2008
File: LV2008008

Kentucky Office of the 911 Coordinator/CMRS Board
200 Mero Street
Frankfort, KY 40622

Attention: Mr. Ken Mitchell

Dear Mr. Mitchell:

**Reference: CMRS Geospatial Audit
CYNTHIANA HARRISON E911 CENTER
104 E PLEASANT ST
CYNTHIANA, KY 41031**

The Geospatial Audit of CYNTHIANA HARRISON E911 CENTER located in HARRISON County was conducted on 8/5/2008. CYNTHIANA HARRISON E911 CENTER provides wireless 9-1-1 service for Harrison County.

PSAP MAPPING SUMMARY

Information on the mapping solution employed by the PSAP was collected as part of the audit process, which includes the type of software and system, the vendor, the version and the layers being used at the time of the audit. In addition, this summary may include notes and observations taken while conducting the audit. 202 KAR 6:100 requires that the mapping solution display the nearest address to an x,y point. The software used by CYNTHIANA HARRISON E911 CENTER meets this requirement.

FIELD DATA TESTING

In accordance to the requirements of the Geospatial Audit, 20 random points for jurisdiction of the PSAP or for each county served by the PSAP were tested by collecting field GPS information and address information and comparing the results of plotting the two elements with the 9-1-1 solution employed by the PSAP. The result of this portion of the audit is that 100% of the points tested met the criteria of the Audit. Passing criteria is that 90% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 4.

WIRELESS 9-1-1 FUNCTION

In accordance to the requirements of the Geospatial Audit, 20 wireless 9-1-1 calls were documented for data, software, and mapping function. The result of this portion of the audit is that 100% of the calls documented met the criteria of the Audit. Passing criteria is that 66% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 3.

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Reference: CMRS Geospatial Audit

CONCLUSION

Mapping Component	<u>Meets audit criteria</u>
Field Data Component	<u>Meets audit criteria with</u> 100% of points tested meeting criteria
Wireless Data Component	<u>Meets audit criteria with</u> 100% of calls tested meeting criteria

Based on the results of the audit, CYNTHIANA HARRISON E911 CENTER meets the standards set by legislation and administrative regulation.

The detailed documentation of the audit with observations and recommendations is attached. The documentation is separated into a report of the software and data used by the PSAP with observations and recommendations; Field Data Report; and Wireless Data Report. Please note that supporting printouts and printed maps are included in the electronic copy of this report.

Sincerely,

Stantec Consulting Services Inc.

James B. Morse
GIS Project Manager
Tel: (502) 212-5044
Fax: (502) 212-5055
James.morse@stantec.com

Attachment: Report Details

c. Files

j:\2008proj\lv2008008_cmrs\merged summary letter.doc

PSAP Mapping Component Summary

PSAP Name CYNTHIANA HARRISON E911 CENTER

Address 104 E PLEASANT ST

Audit Date 8/5/2008

City CYNTHIANA

Audit Personnel MCCORMICKS

Contact BOB LAYTART

Contact Title 911 COORDINATOR

Software	Version	Vendor
GEOSYNC	3.2.56	MAPSYNC

Mapping Layers Used

Road Centerlines: ☒

Point Addresses: ☒

Ortho Photography: ☒

Other Layers: ☒ Type of 'other' layers used by PSAP:

The map software is GeoSync, the version is 3.2.56 and the vender is Map Sync. The map has 17 layers: Buildings, Roads, Parcels, Harrison Grid, Surrounding Roads, Water, Bracken County Roads, Bridges, Railroads, Hydrants, City Limits, Fire Stations, Berry City Limits, ESN, County Boundaries, Kentucky State Police Posts, Ariel View

Notes and Observations:

Observations and comments. (1) When the Lat/Long points were displayed on the map the map would not move to the Lat/Long location. The location needed to be found by backing the map out until the point became visible. The Lat/Long point did plot on the map. (2) The city fire department is using the GIS unit from the 911 center to locate all their fire hydrants and then place them on the PSAP map; this work was done within the last couple of weeks. (3) The County Fire department wants to be next to do the same location for their fire hydrants. This work should be completed in the next several weeks. (4) Bob Laytart sees possibilities in the mapping of all county and utility services and available on the PSAP Map. (5) Concerning the process the PSAP would like to have had a better understanding of what would be required of them during the audit. They feel the could have been better prepared.- Bob had receive the letters, e-mails and phone calls.

The map was last up dated in July 2008, the frequency of up dates vary but usually monthly or bi-monthly. The information is supplied by the 911 center and in installed by Bob Laytart.

The data from the map was obtained by Bob Laytart and the 911 calls were obtained by Cricket Woods and Kelly Gilesen.